

Nominations Nos. 1064, 1065 and 1066, were read.

The Publication Committee, pursuant to the request of the Society of June 19, 1885, made a report which, after discussion, was laid over to the next meeting.

Permission was granted to Prof. Cope to withdraw the paper read by himself at last meeting on the Eocene fishes of Wyoming Territory and the action of the Secretaries in permitting its withdrawal was approved.

Prof. Cope presented estimates for plates for his paper read at last meeting on the Structure of the Brain, &c., \* \* \* of a Theromorphous Reptile, which, on motion, was referred to the Finance Committee for action.

The President reported that he had received and paid over to the Treasurer \$132.43, amount of Michaux legacy due October 1, 1885.

And at ten minutes after ten o'clock, P.M., the meeting was adjourned by the President.

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*Stated Meeting, November 20, 1885.*

Present, 16 members.

President, Mr. FRALEY, in the Chair.

Dr. W. J. A. Bonwill, Mr. Thomas M. Cleemann, Prof. S. W. Gross, newly-elected members, were presented to the Chair, and took their seats.

Donations for the Library were received from the Mining Department, Melbourne; Royal Society of Victoria; Royal Asiatic Society (North China Branch); Geological Survey of India; Zoölogischer Anzeiger, Leipzig; Verein für Geographie und Statistik, Frankfurt-am-Main; Prof. G. vom Rath, of Bonn; the Nordisk Oldkyndighed og Historie Selskab, Copenhagen; Statistika Central Byrån, Stockholm; Musée Teyler, Haarlem; the Ministère de l'Interieur and Commission Centrale de Statistique, Bruxelles; R. Acca-

demia dei Lincei, Rome; Société Nationale des Sciences Naturelles, Cherbourg; Société des Antiquaires de France; Société Américaine de France; Société d'Anthropologie; Société Zoölogique and Société de Géographie, Paris; R. Academia de la Historia, Madrid; Royal Astronomical and R. Geographical Societies, Meteorological Council, Journal of Forestry, and Nature, London; Literary and Philosophical Society, Liverpool; Philosophical Society, Glasgow; Boston Society of Natural History, Mr. Robert Nixon Tophan, Cambridge, Mass.; American Antiquarian Society, Worcester; Meteorological Observatory of New York; the Mercantile Library Association of Brooklyn; Academy of Sciences of Philadelphia, Mercantile Library and Mr. Henry Phillips, Jr.; Johns Hopkins University; Department of the Interior, United States Fish Commission and Mr. Samuel H. Scudder, of Washington; Washburn College, Topeka, and the University of California.

Letters of envoy were read from La Société Nationale des Antiquaires de France (Paris); Geological Survey of India (Calcutta); Fondation de P. Teyler van der Hulst (Harlem); Ministère de l'Interieur (Bruxelles).

Letters of acknowledgment were read from Königliche Bibliothek, Berlin (117, 118, 119); K. K. Sternwarte, Prag (116); Harvard College Observatory, Cambridge, Mass. (Transactions IX); Chief Signal Officer U. S. A., Washington, D. C. (Proceedings 96-121; Transactions XV, XVI, i); Fondation van der Hulst, Harlem (Proceedings 117, 118, 119); Japetus Steenstrup, Copenhagen (116, 117, 118, 119); Royal Society of London (116); Royal Society of Victoria, Melbourne (114, 115).

Letters accepting membership in the Society were read from Prof. Guiseppe Sergi (Nov. 3, 1885; via Pastrengo 1, Roma, Italia); Prof. Louis Pasteur (Paris, Nov. 5, 1885); Prof. Ernst Haeckel, Jena, Nov. 4, 1885); Prof. Dr. Josef von Lenhossek (Buda Pesth, Nov. 4, 1885); Prof. J. Pomialowsky (St. Petersburg, Oct. 21, 1885); Dr. Hermann Rollett (Baden bei Wien, Nov. 5, 1885).

Letters acknowledging receipt of diploma were read from Lord Coleridge, London, England; Sir John Lubbock, High Elms, Hayes, Beckenham, England.

A letter was received from Dr. Asa Gray and Mr. C. S. Sargent, requesting permission to have a copy made of the diary of the elder Michaux, which was presented to the Society by his son in 1824. The request was granted, with the restriction that the copy was to be made in the Society's rooms under the supervision of the Librarian.

The Special Committee appointed October 16, 1885, to examine the paper on *Iguanidæ* presented by Prof. E. D. Cope, for the Transactions, reported it to be worthy, and recommended its publication with a suitable plate or plates.

On motion, the report was adopted, and the Committee discharged.

A letter was read from Prof. Cope, requesting that the paper should be printed in the Proceedings with a view to its more speedy publication.

The Secretaries stated that in the present condition of the publications of the Society, Prof. Cope's paper would be more speedily printed if, as originally intended, in the Transactions.

On motion of Dr. Frazer, it was resolved that the Secretaries be requested to inform Prof. Cope of the facts of the case, and to ascertain in which form he prefers that the paper shall appear.

The death of W. B. Carpenter (London, Nov. 11, 1885) was announced as having taken place in the seventy-third year of his age.

The President reported that, pursuant to resolution of the Society, he had appointed Prof. J. P. Lesley to prepare an obituary notice of the late James Macfarlane, and that Prof. Lesley had signified his willingness.

A letter was read from Prof. Weir Mitchell declining, for sufficient reasons, the appointment to prepare an obituary notice of the late George Leib Harrison.

Dr. Brinton presented a paper on the Mangue language.

Prof. Cope (through the Secretaries) presented the Thir-

teenth Contribution to the Herpetology of Tropical America.

Prof. Houston presented a paper on Photography by a Lightning Flash during the storm of October 29, 1885.

Dr. Frazer presented a résumé of the proceedings of the recent International Congress of Geologists held at Berlin, which he had attended as one of the delegates from the American Association for the Advancement of Science. Dr. Frazer exhibited an improved prismatic compass (made by Elliott, of London), and a device for printing boundary lines automatically, and explained their advantages.

Dr. Frazer also presented four track charts of the North Atlantic ocean, made in 1882, 1883 and 1885.

The minutes of the proceedings of the Board of Officers and Council were submitted.

Nominations Nos. 1064, 1065, 1066, and new nominations Nos. 1067, 1068, 1069, 1070, 1071, 1072, 1073, 1074, 1075, were read.

The Committee of Finance, to which was referred the application for a plate for Prof. Cope's paper on the brain of a Theromorphous reptile, reported that the Society had in hand funds sufficient for that purpose. The Committee stated that its business was not to pass upon the merits or desirability of any such application, but only upon the question if the Society had funds available for such a purpose. That the ordering of the plates was at the discretion of the Secretaries in their disbursement of the annual appropriation made by the Society for its publications.

On motion, the plate was ordered by the Society at estimate price, furnished by Breuker & Kessler.

Dr. Frazer exhibited the Geological-Geographical Dictionary of Señor Juan de Villa Nueva y Piera, and *L'Annuaire Géologique Universelle* of D'Agincourt, and offered the following resolution, which was adopted:

*Resolved*, That a Committee, consisting of Prof. Lesley, Prof. Cope, Mr. Franklin Platt, Mr. C. A. Ashburner and Dr. Frazer be appointed to consider the propriety of assisting the International Geological Congress

in extending the works of MM. Villa Nueva and Neumayer, and the means of doing so, and that the Committee be requested to report to the Society at as early a date as possible.

And the meeting was adjourned by the President.

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*Stated Meeting, December 4, 1885.*

Present, 16 members.

President, Mr. FRALEY, in the Chair.

Dr. Horace Jayne, a newly-elected member, was presented to the Chair, and took his seat.

Donations for the Library were received from the Naturforschende Gesellschaft and the Zoölogischer Anzeiger, Leipzig; K. P. Akademie der Wissenschaften, Berlin; Société de Géographie and L'Alliance Scientifique Universelle, Paris; Nature; Society of Antiquaries, London; Canadian Institute; Geological and Natural History Survey of Canada; Boston Society of Natural History; Museum of Comparative Zoölogy, Cambridge; Mr. Charles S. Sargent, of Brookline, Mass.; Yale College; American Chemical Society and the New York Academy of Sciences; Mr. W. J. Potts, of Camden, N. J.; Franklin Institute, the American Fire Insurance Co., Drs. W. S. W. Ruschenberger and Persifor Frazer, Messrs. Alex. E. Harvey, Henry Phillips, Jr., McCalla & Stavely, and Francis Jordan, Jr., of Philadelphia; Johns Hopkins University, Baltimore; United States National Museum, United States Geological Survey and the Chief Signal Officer of the United States Army, Washington, D. C.; Mr. Jed. Hotchkiss, of Staunton, Va., and Mr. G. W. Hough, of Chicago.

Letters of envoy were read from the Canadian Institute, Toronto; the Johns Hopkins University, Baltimore; U. S. Geological Survey, Washington, D. C.